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4. TITLE AND SUBTITLE

Sea Beam 2000 purchase and installation

6. AUTHOR(S)

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7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)

Scripps Institution of Oceanography
UCSD, Mail Code 0210
La Jolla, CA 92093

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3. REPORT TYPE AND DATES COVERED

Final Technical Report

5. FUNDING NUMBERS

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6. PERFORMING ORGANIZATION
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9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)

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800 North Quincy Street
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DISTRIBUTION STATEMENT A
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12b. DISTRIBUTION CODE

13. ABSTRACT (Maximum 200 words)

A "Sea Beam 2000" multibeam sounding system was purchased as part of a R/V Melville (CO-1) TDI grant from ONR provided to Scripps Institution of Oceanography. The hardware consists of a transceiver, air, the remainder of the, the purchase price was a total of \$100,000.00 for installation and testing. The system is capable of providing bottom and side-scan imaging over a swath up to 200 meters (depending on water depth).

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14. SUBJECT TERMS

Multibeam sounding
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Final Technical Report

A "Sea Beam 2000" multibeam echosounding system was purchased and installed in *R/V Melville* (AGOR 15). This grant from ONR provided partial funding for the purchase of the hardware; funds from other sources paid the remainder of the purchase price and all costs of installation and testing. The system is installed and operating well, providing contour maps and side-scan imaging over a swath up to 120° (depending on water depth).

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